

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT		ATTY. DOCKET NO. 3220-73239	SERIAL NO. 10/634,292
		APPLICANT Haberstroh et al.	
		FILING DATE August 5, 2003	GROUP 3738

U.S. PATENT DOCUMENTS

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
	AA	6,929,539	Aug. 16, 2005	Schutz et al.			
	AB	6,881,249	April 19, 2005	Anderson et al.			
	AC	6,797,514	Sept. 28, 2004	Berenson et al.			
	AD	6,790,455	Sept. 14, 2004	Chu et al.			
	AE	6,756,286	June 29, 2004	Moriceau et al.			
	AF	6,689,374	Feb. 10, 2004	Chu et al.			
	AG	6,669,706	Dec. 30, 2003	Schmitt et al.			
	AH	6,572,672	June 3, 2003	Yadav et al.			
	AI	6,396,208	May 28, 2002	Oda et al.			
	AJ	6,368,859	Apr. 9, 2002	Atala			
	AK	6,355,198	Mar. 12, 2002	Kim et al.			

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	AL	WO 97/25999	July 24, 1997	WO			
	AM	WO 01/55473	Aug. 2, 2001	WO			
	AN						
	AO						
	AP						

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

AR	J. Black and G. Hastings, "Handbook of Biomaterial Properties", <i>Chapman & Hall</i> , pgs. 40-47 (1998)
AS	Mankin et al., "Orthopaedic Basic Science - Chapter 1 Form and Function of Articular Cartilage", <i>American Academy of Orthopaedic Surgeons</i> , pgs. 1-45, (1994)
AT	Kay et al., "Nanostructured Polymer/Nanophase Ceramic Composites Enhance Osteoblast and Chondrocyte Adhesion", <i>Tissue Engineering</i> , Vol. 8, No. 5, pgs 753-761, (2002)
AU	Thapa et al., "An Investigation of Nano-structured Polymers for Use as Bladder Tissue Replacement Constructs", <i>Mat. Res. Soc. Symp. Proc.</i> , Vol. 711, pgs 205-210, (2002)
AV	Miller et al., "An <i>In Vitro</i> Study of Nano-fiber Polymers for Guided Vascular Regeneration, <i>Mat. Res. Soc. Symp. Proc.</i> , Vol. 711, pgs. 201-204, (2002)
AW	Jun et al., "An <i>In Vitro</i> Study of Chondrocyte Function on Nanostructured Polymer/Ceramic Formulations to Improve Cartilage Repair", <i>Nano 2002 Conference Abstract Book</i> , Orlando, FL, pg 269, (2002)
AX	Tepper et al., "Nanosized alumina fibers," <i>American Ceramic Society Bulletin</i> , 80(6):57-60 (2001).
AY	Webster et al., "An <i>in vitro</i> evaluation of nanophase alumina for orthopaedic/dental applications," <i>Bioceramics Volume 11 (Proceedings of the 11th International Symposium on Ceramics in Medicine)</i> , 273-76 (LeGeros & LeGeros eds., World Scientific Publishing Co, 1998).
AZ	Webster et al., "Hydroxylapatite with substituted magnesium, zinc, cadmium, and yttrium. II. Mechanisms of osteoblast adhesion," <i>J. Biomed. Mater. Res.</i> , 59:312-17 (2002).

Examiner /Ruth A. Davis/ (08/24/2009) Date Considered 08/24/2009

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.
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ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /RAD/

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	BB	6,319,264	Nov. 20, 2001	Tormala et al.			
	BC	6,291,070	Sept. 18, 2001	Arpac et al.			
	BD	6,262,017	July 17, 2001	Dee et al.			
	BE	6,183,255	Feb. 6, 2001	Oshida			
	BF	6,106,913	Aug. 22, 2000	Scardino et al.			
	BG	5,733,337	Mar. 31, 1998	Carr Jr. et al.			
	BH	5,415,704	May 16, 1995	Davidson			
	BI	5,306,311	April 26, 1994	Stone et al.			
	BJ	5,292,328	Mar. 8, 1994	Hain et al.			
	BK	4,998,239	Mar. 5, 1991	Strandjord et al.			

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	BP						

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BR	Dec et al., "Design and function of novel osteoblast-adhesive peptides for chemical modification of biomaterials," <i>J. Biomed. Mater. Res.</i> , 40:371-77 (1998).
BS	Webster et al., "Specific proteins mediate enhanced osteoblast adhesion on nanophase ceramics," <i>J. Biomed. Mater. Res.</i> , 51:475-83 (2000).
BT	Webster et al., "Enhanced functions of osteoblasts on nanophase ceramics," <i>Biomaterials</i> , 21:1803-10 (2000).
BU	Curtis & Wilkinson, "Review. Topographical control of cells," <i>Biomaterials</i> , 18(24):1573-83 (1997).
BV	Puleo & Bizios, "RGDS tetrapeptide binds to osteoblasts and inhibits fibronectin-mediated adhesion," <i>Bone</i> , 12:271-76 (1991).
BW	Siegel, "Creating nanophase materials," <i>Scientific American</i> , 275(6):74 (1996).
BX	Webster et al., "Design and evaluation of nanophase alumina for orthopaedic/dental applications," <i>Nanostructured Materials</i> , 12:983-86 (1999).
BY	Webster et al., "Enhanced surface and mechanical properties of nanophase ceramics to achieve orthopaedic/dental implant efficacy," <i>Key Engineering Materials</i> , Vols. 192-195, pp 321-24 (Proceedings of the 13th international symposium on ceramics in medicine, Bologna, Italy, 2000 (Trans Tech Publications, 2001).
BZ	Webster et al., "Mechanisms of enhanced osteoblast adhesion on nanophase alumina involve vitronectin," <i>Tissue Engineering</i> , 7(3):291-301 (2001).

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	CA	4,795,436	Jan. 3, 1989	Robinson			
	CB	2006/0173471	Aug. 3, 2006	Carr Jr. et al.			
	CC	2004/0241211	Dec. 2, 2004	Fischell et al.			
	CD	2004/0171323	Sept. 2, 2004	Shalaby			
	CE	2004/0131753	July 8, 2004	Smith et al.			
	CF	2004/0104672	June 3, 2004	Shiang et al.			
	CG	2004/0028875	Feb. 12, 2004	Van Rijn et al.			
	CH	2003/0050711	Mar. 13, 2003	Laurencin et al.			
	CI	2003/0040809	Feb. 27, 2003	Goldmann et al.			
	CJ	2002/0173213	Nov. 21, 2002	Chu et al.			
	CK	2002/0173033	Nov. 21, 2002	Hammerick et al.			

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CR	Webster et al., "Nanoceramic surface roughness enhances osteoblast and osteoclast functions for improved orthopaedic/dental implant efficacy," <i>Scripta Mater.</i> , 44:1639-42 (2001).
CS	Office Action for US patent application no. 10/362,148, US Patent & Trademark Office, May 27, 2009.
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CW	
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	DD						
	DE						
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	DG						
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	DL						
	DM						
	DN						
	DO						
	DP						

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